



CTSO Course Alignments: Residential Interior Design

Below you will find standards for the Residential Interior Design course aligned with competitive events from appropriate career and technical student organizations (CTSOs). Knowing the aligned events for your organization will allow you to have additional tools for teaching course standards, as well as increase student engagement and preparation in your CTSO activities. The final column recommends potential tools from other CTSO organizations. Even if your students are not participating in these organizations, available rubrics, tools, and materials can also add to the instructional resources at your disposal for best teaching your content.

Important to note: While the aligned activities below can be important tools in teaching course standards, it is important to note that events may not cover a standard in its entirety and should not be the sole instructional strategy used to address a standard.

	STANDARD	ALIGNED FCCLA COMPETITIVE EVENTS/PROGRAMS	OTHER POTENTIAL CTSO TOOLS & RESOURCES
1	<p>Demonstrate the ability to comply with personal and environmental safety practices associated with interior design applications, such as the use of adhesives, hand tools, machines, and appropriate handling and storage methods in accordance with local, state, and federal safety and environmental regulations.</p> <ul style="list-style-type: none">a. Inspect, maintain, and employ safe operating procedures with tools and equipment.b. Adhere to responsibilities, regulations, and Occupational Safety & Health Administration (OSHA) policies regarding reporting of accidents and observed hazards, and regarding emergency response procedures.c. Maintain a portfolio record of written safety examinations and equipment examination for which the student has passed an operational checkout by the instructor. <p>(TN Reading 3, 4; TN Writing 4; FACS 11)</p>		<ul style="list-style-type: none">• FFA: Nursery Landscape, Floriculture• SkillsUSA: Occupational Health and Safety

2	<p>Consult software manuals and user guides to become familiar with the use of various design software and computer-aided drafting (CAD) programs. Demonstrate basic operations such as:</p> <ol style="list-style-type: none"> Open a new file or existing file; save a file. Navigate the various menu bars. Use basic commands to create a two-dimensional computer generated floor plans. Use basic commands to create a three-dimensional computer generated renderings. <p>(TN Reading 1, 3, 4; FACS 11)</p>	<ul style="list-style-type: none"> • FCCLA: Interior Design 	<ul style="list-style-type: none"> • SkillsUSA: Technical Drafting, Architectural Drafting • TSA: Computer-Aided Drafting (CAD) 2D, Architecture, Computer-Aided Drafting (CAD) 3D, Engineering
3	<p>Demonstrate proficiency in basic concepts of scale drawings by creating simple two-dimensional drawings with the use of manual drafting tools and computer-aided drafting software. Create a floor plan for a selected room, indicating furniture, built-ins, and architectural features measured and drawn to scale.</p> <ol style="list-style-type: none"> Develop two-dimensional drawings by using proper sketching techniques and measurement systems (i.e., including fractions, decimals, United States customary units, and metric units). Create and assemble a three-dimensional model for a residential living space, demonstrating effective use space planning. Produce a clear and coherent written analysis of the model in terms of the room's design and space concept. Assess how the purpose of the space shapes the content and functionality of the room design. <p>(TN Writing 4; FACS 11)</p>	<ul style="list-style-type: none"> • FCCLA: Interior Design, Life Event Planning 	<ul style="list-style-type: none"> • TSA: Computer-Aided Drafting (CAD) 2D, Architecture, Computer-Aided Technical Sketching and Application
4	<p>Demonstrate quick-sketching techniques to design rooms, and then create the computer-aided drawings using design presentation software such as Photoshop, SketchUp, Revit, or AutoCAD. (TN Reading 1, 3, 4; FAC 11)</p>	<ul style="list-style-type: none"> • FCCLA: Interior Design 	<ul style="list-style-type: none"> • TSA: Computer-Aided Drafting (CAD) 2D, Architecture, Computer-Aided Technical Sketching and Application
5	<p>Using an instructor-approved software program, draw basic three-dimensional scale drawings to create renderings of a range of residential rooms (living room, adult and child bedrooms, kitchen and utility, bath, home office, etc.) that illustrate the principles of interior design. Write a short narrative to accompany each drawing to highlight the design principles illustrated in each. (TN Reading 1, 3, 4; TN Writing 4; FACS 11)</p>	<ul style="list-style-type: none"> • FCCLA: Interior Design, Life Event Planning 	<ul style="list-style-type: none"> • FBLA: 3-D Animation • TSA: Computer-Aided Drafting (CAD) 2D, Architecture

6	<p>Gather relevant information from textbooks and interior design magazines on the various components of the interior environment, assessing the credibility and accuracy of the sources in illustrating the principles of interior design. Integrate the information retrieved to guide the development of a three-dimensional drawing or model, then create a presentation for a prospective client outlining of the appropriateness of selected components, including but not limited to the following:</p> <ol style="list-style-type: none"> Types of flooring Lighting Wall and surface finishes Accessories <p>(TN Reading 1, 7, 8)</p>	<ul style="list-style-type: none"> • FCCLA: Illustrated Talk 	<ul style="list-style-type: none"> • FBLA: 3-D Animation • TSA: Computer-Aided Drafting (CAD) 2D, Architecture
7	<p>Research architectural structural elements to describe the options, features, and possible design applications of the following:</p> <ol style="list-style-type: none"> Windows Doors Cabinetry Fixtures Other relevant features <p>Create a brochure, digital presentation, or display showcasing the findings.</p>	<ul style="list-style-type: none"> • FCCLA: Illustrated Talk 	<ul style="list-style-type: none"> • SkillsUSA: Architectural Drafting • TSA: Digital Video Production
8	<p>Compare and contrast different types of window treatments, such as curtains or drapes, blinds, shades, cornices, swags, and valances, and determine the appropriate window treatment based on window type and customer requirements. Write an analysis of how the choice for a given window treatment impacts privacy, light control, and energy efficiency against practical considerations such as feasibility of installment, cost, and weather conditions specific to particular climate. (TN Reading 1, 7; TN Writing 2, 4, 9)</p>	<ul style="list-style-type: none"> • FCCLA: Advocacy, Illustrated Talk 	<ul style="list-style-type: none"> • HOSA: Researched Persuasive Speaking
9	<p>Interpret manufacturing specifications when establishing guidelines for selecting furniture, taking into account needs, styles, budget, durability, safety, and environmental impact. Evaluate claims made by manufacturers and customer reviews in order to analyze furniture selections in terms of their suitability for clients in design scenarios.</p>		
10	<p>Create an outline that illustrates the basic components of project budgets commonly used in interior design proposals (e.g., itemized budgets, non-itemized budgets, fixed budgets, and flexible budgets). Implement outline components to generate a comprehensive budget including walls and floors, lighting, focal furniture pieces, and labor costs for a residential living space. (TN Reading 3; TN Writing 4)</p>	<ul style="list-style-type: none"> • FCCLA: Life Event Planning, Entrepreneurship 	<ul style="list-style-type: none"> • FBLA: Business Financial Plan

11	Examine how businesses in the interior design industry conduct project management processes in residential settings. Compare and contrast components of project management models gathered from case studies of major or local designers. Generate a project management template that addresses the objectives required for designing a residential living space. (TN Reading 7, 9; TN Writing 4, 8)	<ul style="list-style-type: none"> • FCCLA: Entrepreneurship 	<ul style="list-style-type: none"> • SkillsUSA: Entrepreneurship
12	Research and create a chart of natural and manmade fibers, and the textiles made from them, as they are used in residential applications such as draperies, carpets, and upholstery. Describe in the chart the principle characteristics, best applications for the fibers/textiles, care guidelines, and any associated environmental or safety concerns. Expand the chart to prepare a more detailed guide including samples to be used in presentations to clients. (TN Reading 1, 4, 7; TN Writing 2, 4, 7)	<ul style="list-style-type: none"> • FCCLA: Illustrated Talk 	
13	Research the Textile Fiber Products Identification Act that defines and regulates the labeling of textile products, Flammable Fabrics Act, Care Labeling Rule and the Wool Products Labeling Act that specifies regulations about the labeling of products containing wool. Evaluate the necessity of such laws and d. Summarize the key points of each of the acts in a chart, table, or short narrative. (TN Reading 1; TN Writing 2, 4)	<ul style="list-style-type: none"> • FCCLA: Illustrated Talk 	<ul style="list-style-type: none"> • HOSA: Researched Persuasive Speaking
14	Research how interior design companies create presentation boards. Citing examples, identify characteristics of effective presentation boards. Drawing on the research, compile a list of materials required for a presentation board showcasing one room in a residential setting.	<ul style="list-style-type: none"> • FCCLA: Interior Design 	
15	Assemble a presentation board that incorporates a collage of color samples, fabric, and flooring, mounted with the color elevation rendering that orderly and logically presents a particular theme in color or style of design. Evaluate these elements visually and tactually to determine the most effective combination that will meet the needs of the client. (TN Reading 4; FACS 11)	<ul style="list-style-type: none"> • FCCLA: Interior Design 	<ul style="list-style-type: none"> • HOSA: Extemporaneous Health Poster
16	Produce a clear and coherent verbal defense of the presentation board as well as a written narrative that explains the principles of design, justifies the choice of samples, and includes a complete cost analysis of the project. Capture the presentation on video or other media along with photographs to include in the design portfolio with the written paper. (TN Writing 2, 4)	<ul style="list-style-type: none"> • FCCLA: Interior Design 	<ul style="list-style-type: none"> • HOSA: Prepared Speaking • TSA: Prepared Presentation, Digital Video Production
17	Update materials, photographs, and sketches from coursework to add to the portfolio begun in the foundations course. Include descriptions of the creative thought process behind each project included. (TN Writing 2, 4)		

ALL	CAN BE USED WITH ALL/MOST STANDARDS	<ul style="list-style-type: none">• FCCLA: Interior Design, Illustrated Talk, Entrepreneurship, Career Investigation, Chapter in Review Display, Chapter in Review Portfolio	<ul style="list-style-type: none">• SkillsUSA: Prepared Speech, Extemporaneous Speaking, Job Skills Demonstration A, Job Skills Demonstration O, Chapter Display, Career Pathways Showcase, Entrepreneurship
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